Northern Region

Ontario

Ministry of Natural Resources

Hon. Vincent G. Kerrio
Minister

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Deputy Minister

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North Driftwood R. Provincial Nature Reserve

Interim Management Statement

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Ministry of Natural Resources
Ontario

March, 1985

REGIONAL DIRECTOR'S APPROVAL STATEMENT

I am pleased to approve this Interim Management Statement for North Driftwood River Provincial Park.

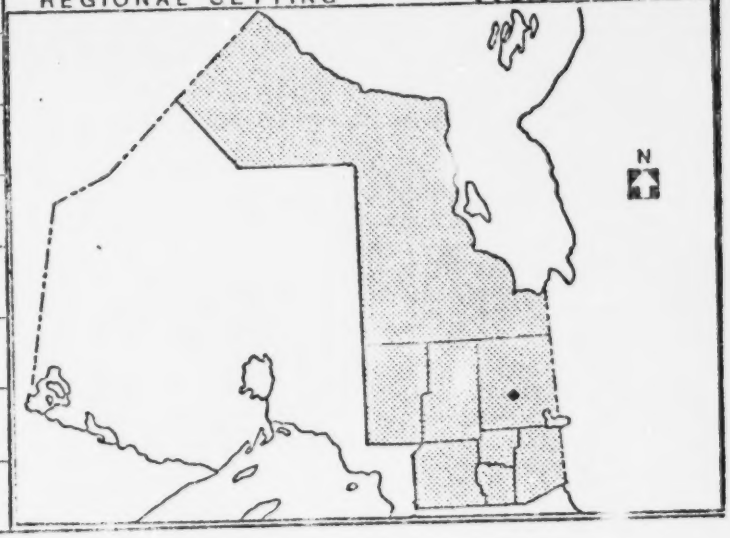
This Statement will provide direction for the management of North Driftwood River Provincial Park until a Park Management Plan is completed. It will also set the general direction for the preparation of the more detailed management policies that the Management Plan will contain.

R.A. Riley
Regional Director
Northern Region

BACKGROUND

NAME:	North Driftwood River (formerly Benigh Twp.)
PROPOSED CLASS:	Nature Reserve
M.N.R. DISTRICT	Cochrane
M.N.R. REGION:	Northern
AREA (ha.):	2.88
SITE REGION:	
SITE DISTRICT:	
DATE in REGULATION:	

REGIONAL SETTING scale - 1 cm:150 km



LIFE SCIENCE TARGET

site type/landscape unit	species/communities

EARTH SCIENCE TARGET

geological theme	feature
Quaternary - Late Wisconsinan	Cochrane Till member of North Driftwood Formation

CULTURAL RESOURCE TARGET

theme	theme segment

RECREATION OPPORTUNITIES TARGET

day use	car camping	wilderness back country

INVENTORIES

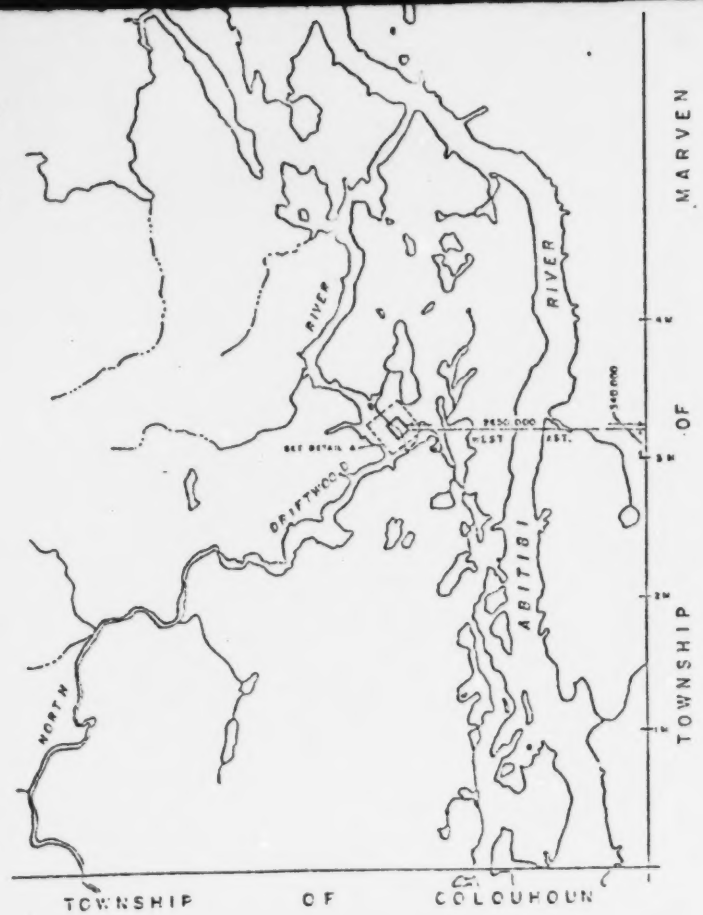
level type	earth science	life science	cultural	receational	
reconnaissance completed	yes	no	no	no	
detailed completed	yes	no	no	no	
required	no	no	no	no	

POTENTIAL RESOURCE USE CONFLICT

Licenced to Ontario Paper

MATERIAL APPENDED

D.I.U.G. extract ☑ checksheet ☐ other background info. sheet

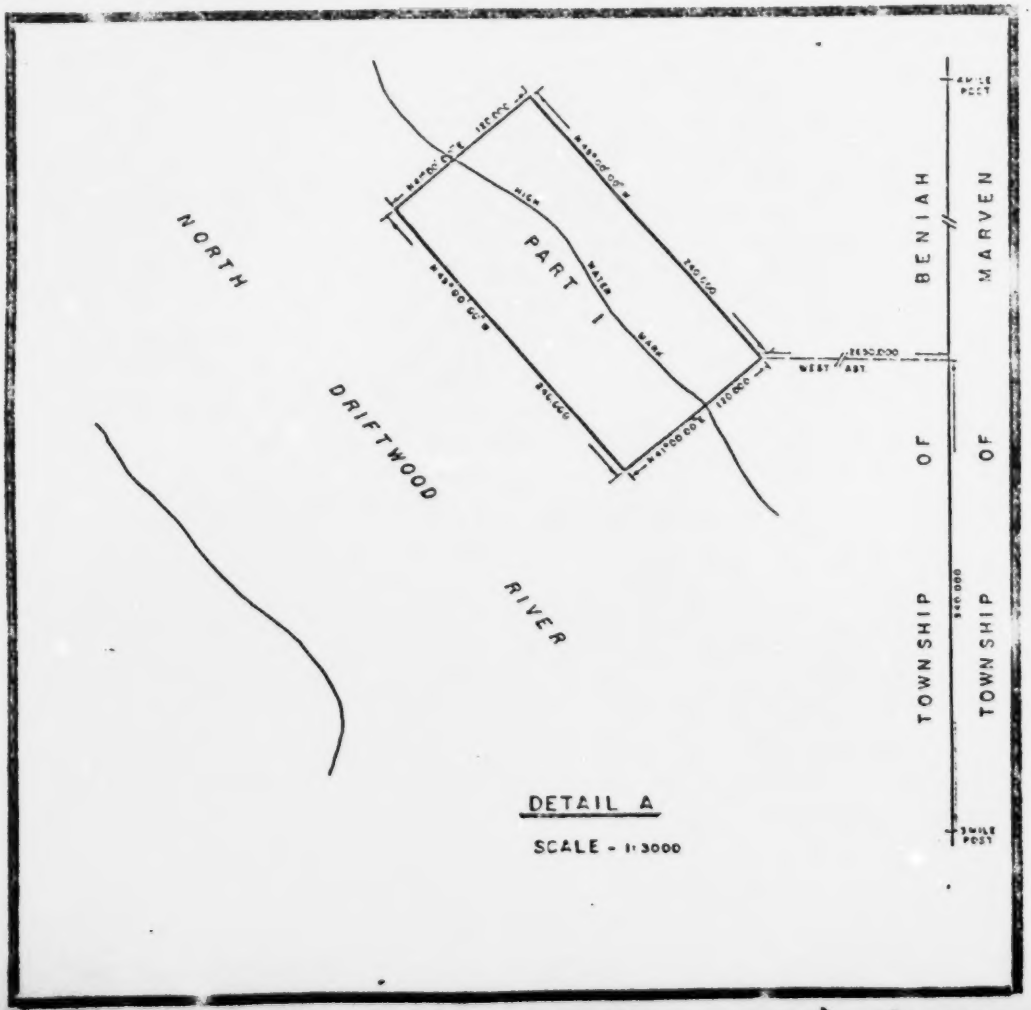


PLAN OF
NORTH DRIFTWOOD RIVER
PROVINCIAL NATURE RESERVE
IN THE
TOWNSHIP OF BENIAH
DISTRICT OF COCHRANE

METRES
1000 500 0 1000 2000 3000 4000

SCALE - 1:50000

TOTAL AREA = 3 ha±



DETAIL A

SCALE - 1:3000

MANAGEMENT STATEMENT

1.0 Issues

There are no relevant management issues for this park.

2.0 Resource Management Guidelines

2.1 Mineral Resources Management

Analysis	Guidelines	Recommendation
The nature reserve status of the park protects it from any form of degrading land use/activity including such forms of surface exploration/ mining as open pit mining.	Geological research may be authorized by the district manager provided that such activity enhances knowledge/understanding of the geological features, and that the results of such work are made available to Mineral exploration/ extraction will not be permitted.	That the guidelines be implemented with the approval of the plan.

2.2 Wildlife Management

Analysis	Guidelines	Recommendation
The park falls within trapline CC-89.	As hunting and trapping pose no threat, to the resource these activities will be permitted.	That the guidelines be implemented with the approval of the plan and following appropriate changes to regulations under The Game and Fish Act.

2.3 Vegetation Management

Analysis	Guidelines	Recommendation
The park contains no known significant vegetation sites.	Silviculture which enhances the park's geological features will be permitted.	That the guidelines be implemented with the approval of the plan.

3.0 Client Services Management Guidelines

3.1 Information: Basic information about North Driftwood River Provincial Park will be produced for geologists and students. Specifically, a small leaflet providing information about access, the park's significance, references, and so forth, using photos, access and geological maps, and text should be adequate.

3.2 Education: Prospective visitors should be warned of the resource's vulnerability to damage from collectors; for example in any publication which is produced for the park.

3.3 Development: At present, the site is undeveloped and access is restricted to the use of watercraft. This situation facilitates protection of the site from human impact, and will be maintained.

4.0 Research

The Ontario Provincial Parks Planning and Management Policies describe scientific research policy in nature reserves as follows (NR-IV-10).

> Scientific research by qualified individuals, which contributes to knowledge of natural .... history and to environmental management, will be encouraged in Nature Reserves.
>
> All research programmes will require the approval of the Ministry of Natural Resources and must also meet all requirements under applicable provincial and federal legislation. The Ministry may approve the removal of .... geological samples .... by qualified researchers .... Approved research activities and facilities will be compatible with protection values .... in individual Reserves, and will be subject to development and management policies for Nature Reserves unless special permission is given. Sites altered by research activities will be rehabilitated as closely to their previous condition as possible.

APPENDIX 1: NATURAL RESOURCES BACKGROUND INFORMATION

Frey (1980) appraises the park's earth science features as being of national significance according to the following rationale.

> This section is the internationally recognized reference to the Cochrane Till (INQUA, 1977, p. 24-26) and displays clearly the transitional boundaries between the glacially deposited Cochrane Till, the underlying glaciolacustrine sediments of the Barlow-Ojibway Formation, and the overlying North Driftwood Formation glaciolacustrine sediments (Hughes, 1965, p. 544-546).

17 a-h EARTH SCIENCE NATURE RESERVE FEATURES

a. Area Description

Earth science nature reserves are relatively small, significant or representative areas that are identified to achieve part of the Ministry's protection/heritage appreciation objectives. Across the Cochrane District, eight such sites have been identified outside of provincial parks and park candidates. These areas are:

Site	Township	Area (ha.)	Significance
a	Hobson	4.0	Provincial
b	Hobson	0.7	Provincial
c	Valentine	1.5	Provincial
d	Valentine	2.44	National
e	Valentine	2.44	Provincial
f	Pitt	2.44	Provincial
g	Beniah	1.22	National
h	Wilkie	1.22	National

These various geological features cover an area of 15.96 hectares in total. Six of these areas have reserved flooding rights that are held by Ontario Hydro.

Three of these sites are nationally recognized standard reference sections for various earth science formations. The other five are provincially recognized.

b. Land Use Intent

These areas are being recommended for park status.

Due to the size of the areas, and given the variety of uses that are ongoing within them, it is further recommended that most of the ongoing activities within the areas be permitted to continue. The exception to this would be commercial logging which is not recommended as a continuing use. An outline of these ongoing activities which are recommended for continuation is given in the Land Use Activity section, however it must be realized that in some instances further refinement may be required.

c. Land Use Activity for Area No. 17a-h – EARTH SCIENCE NATURE RESERVE FEATURES

Activity	Acceptable		Recommended Guidelines
	Yes	No	
Aggregate Extraction		x	
Agriculture		x	
Bait Fishing		x	Not applicable.
Commercial Fishing		x	
Cottaging		x	
Crown Land Recreation		x	Not applicable
Forestry		x	
Hunting	x		It is recommended that hunting be permitted to continue.
Mining		x	
Provincial Parks	x		Recommended for park status.
Roads		x	
Rural Residential		x	

Activity	Acceptable		Recommended Guidelines
	Yes	No	
Sport Fishing	x		It is recommended that sport fishing be permitted to continue.
Tourism		x	No commercial facilities will be allowed.
Trapping	x		It is recommended that existing trapping activity be permitted to continue.
Wildlife Viewing	x		
Wild Rice Harvesting		x	
Urban Development		x	
Other	x		The Ministry will continue to work closely with Ontario Hydro concerning the planning and design of any future hydraulic proposals in the area.

REFERENCES

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INQUA. Quaternary Stratotypes of North American, Volume 1. Sub-commission on North American Quaternary Stratigraphy, International Union for Quaternary Research, 1977.

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